Edgardo Barsallo Yi

linkedin.com/in/ebarsallo • github.com/ebarsallo

ebarsall@purdue.edu • (765)409 9949

EDUCATION

PURDUE UNIVERSITY
PhD in Computer Science
Expected 2019 | West Lafayette, IN
GPA: 3.51

PURDUE UNIVERSITY
Master in Computer Science
May 2017 | West Lafayette, IN
GPA: 3.45

UNIVERSIDAD PONTIFICIA DE SALAMANCA
Master in Software Engineering
Mar 2007 | Madrid, Spain

Graduate Diplomma in E-Commerce
Sept 2003 | Panama, Panama

B.Sc., Computer System Eng
Oct 1999 | Panama, Panama

COURSEWORK

GRADUATE
Operating Systems
Algorithms Analysis and Design
Parallel Computing
Fault Tolerant Comp Sys Dsgn
Software Engineering
Information Retrieval
Data Mining
Databases
Distributed Databases
Interactive Computer Graphics

UNDERGRADUATE
Software Engineering *(TA)*
Programming in C *(TA)*

SKILLS

Significant Experience:
C/++ • Shell Scripting • VBA • VB.Net •
Java • Oracle • MySQL • PL/SQL • LATEX
Some experience with:
Python • R • Matlab • C# • JavaScript •
Nodejs
Familiar:
Hadoop • Spark • GraphX • MPI

EXPERIENCE

INDRA | Project Manager + Software Architect
Jan 2007 – Jun 2013 | Panama, Panama
- Responsible of the design and maintenance of the architecture used in applications developed by the Indra Software Lab.
- PM of software projects based upon SOA Architecture (JEE/Microsoft .Net), Client/Server Architecture or BI Implementations.
- Leader of R+D initiatives to improve internal process in the Software Lab.
- IT training coordinator.

SOLUZIONA (GALP ENERGIA) | Information System Functional Manager
Jan 2006 – Abr 2006 | Lisbon, Portugal
- Soluziona SL representative at GALP Energia.
- Functional Administrator of the ERP System at GALP Energia

SOLUZIONA | Software Developer & Team Leader
Jun 1999 – Dec 2005, May 2006 – Dec 2006 | Panama, Panama
- Analyzed, designed and developed client/server applications.
- Led software development team.

RESEARCH

PURDUE UNIVERSITY | Research
Jan 2016 – Present | West Lafayette, IN
Working with **Dr. Ananth Grama** on a new Distributed Graph Database System.

Jan 2016 – Present | West Lafayette, IN
Working with **Victor Santos** and **Servio Palacios** to design and implement a media streaming system using WebRTC (Ownstream)

May 2015 – Dec 2015 | West Lafayette, IN
Developed, with **Victor Santos**, **Servio Palacios** and **Dr. Ananth Grama**, a crowd-sourced distributed and scalable computing platform supported by a JS Engine.

UNIVERSIDAD PONTIFICIA DE SALAMANCA | Master Thesis
2007 | Madrid, Spain
A proposal for an e-learning authoring tool, based on the SCORM specification, supported by an Web Service architecture aimed to facilitate the distribution and reuse of learning object. Advisor: **Dr. Jorge Torres**

AWARDS

2013	Fulbright Scholarship.
2006	Nominated for the IV International "C" Award for Work and Dedication, Unión Fenosa
2003	Fundación Carolina Fellowship for Graduate Studies in Spain.
1999	Graduation Rank: 4 out of 94 (Summa Cum Laude).

SOCIETIES

2007	Project Management Institute (Active Member)
2006	IEEE - Computer Society (Active Member)